

Converting Colors

XYZ(59.7186, 62.6025, 28.5090)

Have a look what the booklet for
XYZ(59.7186, 62.6025, 28.5090)
contains.

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Color

**XYZ(59.8582, 62.8312,
28.7114)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCD7E
RGB	235, 205, 126
RGB Percent	92%, 80%, 49%
CMY	0.0784, 0.1961, 0.5059
CMYK	0.00, 0.13, 0.46, 0.08
HSL	43°, 73%, 71%
HSV	43°, 46%, 92%
XYZ	59.8582, 62.8312, 28.7114
YIQ	204.9640, 43.2390, -18.2090

Conversions

Conversions Part 2

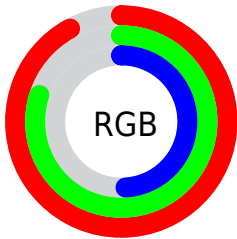
Format	Color
RYB	167, 235, 126
Decimal	15453566
CIELab	83.35, 0.33, 43.05
CIELCh	83, 43.049, 89.558
Yxy	62.8312, 0.3954, 0.4150
Android (android.graphics.Color)	4293643646 (0xFFEBCD7E)
YUV	204.9640, -38.9293, 26.3416
Hunter-Lab	79.2661, -3.9206, 34.0106

Details

The XYZ color **59.8582, 62.8312, 28.7114** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.4877, 34.2095, 83.3298**, and the grayscale version is **58.2274, 61.2597, 66.7118**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **30.4681, 31.9883, 11.2251** is the 20% darker color. If you saturate the color by 10%, you get **57.0018, 59.2667, 21.1367**, and if you desaturate by 10%, it is **63.1378, 66.6720, 38.1857**.

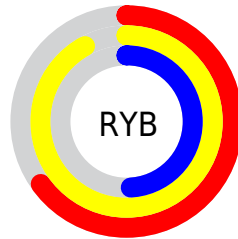
Distribution



Red (92%)

Green (80%)

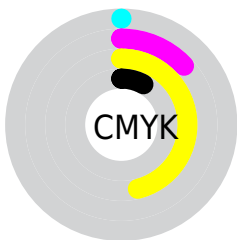
Blue (49%)



Red (65%)

Yellow (92%)

Blue (49%)

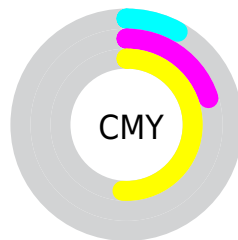


Cyan (0%)

Magenta (13%)

Yellow (46%)

Black (8%)



Cyan (8%)


Magenta (20%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8582, 62.8312, 28.7114 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 59.8582, 62.8312, 28.7114 by changing the saturation by 10% instead.


 59.8582, 62.8312,
28.7114


 59.8582, 62.8312,
28.7114


413.9180,
434.9566, 309.8690


 43.5534, 45.7047,
18.6189


 103.7315,
108.9259, 58.6549

 30.5159, 32.0128,
11.2212


 132.0306,
138.6630, 79.3431

 20.3805, 21.3713,
6.0998


 165.0586,
173.3722, 104.4002

 12.7818, 13.3957,
2.8361

203.1807,
213.4382, 134.2448

 7.3544, 7.7016,
1.0116

246.7623,
259.2452, 169.2954

 3.7330, 3.9046,
0.0000

296.1689,

 1.5522, 1.6203,

311.1777, 209.9707

0.0000

351.7657,
369.6200, 256.6890

■ 0.3610, 0.3713,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8582, 62.8312,
28.7114

■ 59.8582, 62.8312,
28.7114

■ 57.0018, 59.2667,
21.1367

■ 63.1378, 66.6720,
38.1857

■ 54.5379, 55.9580,
15.3241


■ 66.8596, 70.7908,
49.6764


■ 52.4386, 52.8949,
11.1238


■ 71.0469, 75.2005,
63.2953

■ 50.6697, 50.0626,
8.3591


■ 75.7198, 79.9102,
79.1450


 49.1884, 47.4426,
6.8090

 80.8971, 84.9287,
97.3213

 48.6982, 46.5367,
6.4158

 84.6033, 89.4669,
107.4175

 86.5813, 93.4230,
108.0769

 88.0709, 96.4021,
108.5734

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.3167, 62.8312, 32.8835



59.8582, 62.8312, 28.7114



51.2682, 62.8312, 32.6399

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.8582, 62.8312, 28.7114



45.3833, 62.8312, 97.1410



76.6306, 62.8312, 98.0142

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.8582, 62.8312, 28.7114



35.4877, 34.2095, 83.3298

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.0513, 62.8312, 123.8007



59.8582, 62.8312, 28.7114



51.0512, 62.8312, 123.2108

Square

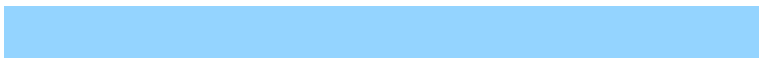
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.8582, 62.8312, 28.7114



43.4597, 62.8312, 68.0154



59.5804, 62.8312, 134.0363



79.5992, 62.8312, 68.8111

Rectangle

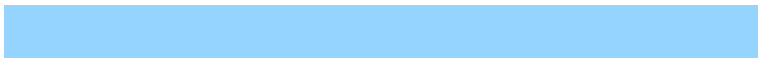
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.8582, 62.8312, 28.7114



47.0346, 62.8312, 40.1127



59.5804, 62.8312, 134.0363



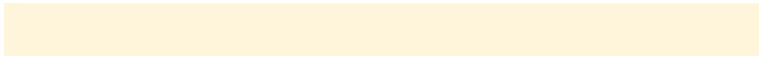
74.5010, 62.8312, 107.6208

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.8597, 62.8341, 28.7127



86.7715, 91.8018, 80.3713



47.7980, 35.0148, 36.0861



18.3221, 19.3928, 16.3655



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.8597, 62.8341, 28.7127



68.6560, 71.3948, 25.5497



60.4484, 74.8286, 30.9968



15.9812, 16.8853, 15.9356



27.2149, 26.1240, 3.6081



2.2167, 2.2107, 0.3099

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.4877, 34.2095, 83.3298



35.9041, 32.9709, 99.0794



34.9641, 27.3683, 82.0369



14.5685, 15.2235, 19.0928



9.4786, 5.6042, 44.3251



0.8224, 0.5964, 3.5066

Previews

White Background



This preview shows how the XYZ color 59.8582, 62.8312, 28.7114 looks on a white background.

Color Contrast Check

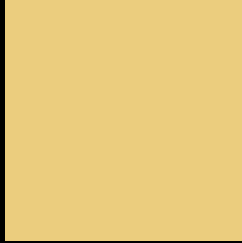
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 59.8582, 62.8312, 28.7114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8582, 62.8312, 28.7114

Background



This preview shows how black text looks on a background with the XYZ color 59.8582, 62.8312, 28.7114.



This preview shows how white text looks on a background with the XYZ color 59.8582, 62.8312,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.8582, 62.8312, 28.7114

Protanopia

58.0652, 62.9749, 29.1737

Deuteranopia

64.1697, 62.6159, 28.7826



Tritanopia

68.1101, 62.7380, 69.4926

Trichromacy



Original Color

59.8582, 62.8312, 28.7114

Protanomaly

58.7767, 62.9809, 29.1373

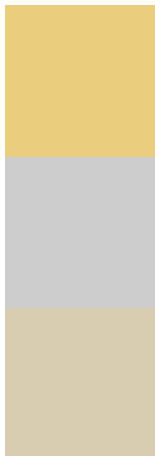
Deuteranomaly

62.7234, 62.8984, 28.9134

Tritanomaly

64.4953, 62.6268, 51.3367

Monochromacy



Original Color

59.8582, 62.8312, 28.7114

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.9867, 61.3962, 49.8687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8582, 62.8312, 28.7114 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(235, 205, 126)` looks like.

```
.text, #text, p{  
    color:rgb(235, 205, 126)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(235, 205, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 205, 126) }
```

Border

The CSS property to change the border of an element to XYZ 59.8582, 62.8312, 28.7114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 205, 126) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(235, 205, 126) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(235, 205, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 205, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 205, 126); box-shadow:4px 4px 4px 4px rgb(235, 205, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8582, 62.8312, 28.7114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 205, 126) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(235,  
205, 126) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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